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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/663,554	09/18/2000	Nathan F. Raciborski	D2482	6630

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EXAMINER

CHANG, JUNGWON

ART UNIT	PAPER NUMBER
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2154

18

DATE MAILED: 05/20/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/663,554

Applicant(s)

RACIBORSKI ET AL.

Examiner

Jungwon Chang

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-8,10-15 and 17-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-8,10-15 and 17-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1, 8 and 15 are amended and claims 21 and 22 are added. Claims 2, 9 and 16 have been canceled. Claims 1, 3-8, 10-15 and 17-23 are presented for examination.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 8, 10-15 and 17-20 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

a. Claim 8 recites the limitation "the time value" in line 12. There is insufficient antecedent basis for this limitation in the claim.

b. Claim 15 recites the limitation "the time value" in line 18. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 8 and 10-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Prasad et al. (US 6,539,381) hereinafter Prasad, in view of Blood et al. (US 6,202,067), hereinafter Blood.

6. Prasad was cited in a PTO-892 dated 5/5/2003 (paper #8).

7. As to claim 8, Prasad discloses the invention substantially as claimed, including a method for gathering information for a directory on a packet switched network (col. 8, lines 6-13), the method comprising:

determining a directory that is related to a first web site (col. 2, lines 26-37), wherein the directory identifies a first plurality of content objects tagged (i.e., identification, col. 8, lines 43-63) in accordance with a predetermined set of content object classes (figs. 2, 3; col. 8, lines 30-63; col. 9, lines 1-25);

reporting the directory to a second web site (col. 3, lines 32-35; col. 4, lines 30-33; col. 6, lines 40-46), wherein the second web site identifies a second plurality of content objects organized in accordance with the predetermined set of content object classes to create a global directory (col. 8, lines 6-13; col. 9, lines 10-40);

setting a timer in response to the reporting the directory (506, fig. 5A; 523-526, fig. 5C; 530, 5D; col. 10, line 62 – col. 11, line 14; col. 13, lines 34-39 and 58-66);

updating the directory with the changes (col. 3, line 36-40; col. 4, lines 33-37).

8. Prasad discloses reporting directory to the second web site to update data periodically (col. 3, lines 27-40). However, Prasad does not specifically disclose reporting directory to the second web site for the first and second time. It would have been obvious to one of ordinary skill in the art at the time the invention was made to recognize that the directory of the server would have been updated several times.

Prasad does not specifically disclose the timer reaching a predetermined time value. However, Blood discloses the timer reaching a predetermined time value (i.e., setting specific length of time value; col. 6, lines 46-52; col. 8, lines 33-53 and 60-67). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teaching of Prasad and Blood because Blood's timer with predetermined time value (i.e., specific length of time value) would dynamically determine when the content objects are necessary to be updated.

9. As to claims 10 and 11, Prasad discloses categorizing an item in the directory (col. 7, lines 23-28 and 39-42; col. 9, lines 28-47).

10. As to claim 12, Prasad discloses the directory includes at least two of a file name, a path, a site name (col. 16, line 1), a file creation date, and a file creation time (timestamps; col. 13, line 64 – col. 14, line 2).

11. As to claim 13, Prasad discloses the second web site includes a plurality of directories from other web sites (col. 6, lines 40-46; col. 3, lines 25-40); and

the second web site combines the plurality of directories in a global directory (col. 8, lines 6-20).

12. As to claim 14, Prasad discloses detecting changes comprises detecting at least one of erasure of files, replacement of files and addition of files (col. 5, lines 19-21).

13. Claims 1, 3-7 and 21-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Prasad et al. (US 6,539,381), in view of Ma et al. (US 6,347,313), hereinafter Ma.

14. As to claim 1, Prasad discloses the invention including a method for gathering information for a directory on a packet switched network (col. 8, lines 6-13), the method comprising:

determining a directory that is related to a first web site (col. 2, lines 26-37), wherein the directory identifies a first plurality of content objects tagged (i.e., identification, col. 8, lines 43-63) in accordance with a predetermined set of content object classes (figs. 2, 3; col. 8, lines 30-63; col. 9, lines 1-25);

the content object classes (figs. 2, 3; col. 8, lines 30-63; col. 9, lines 1-25) identifies a subject matter (i.e., properties, attributes; col. 8, lines 64-65) of the first plurality of content objects related to the first website (col. 8, line 64 – col. 9, line , and

reporting the directory to a second web site (col. 3, lines 32-35; col. 4, lines 30-33; col. 6, lines 40-46), wherein the second web site identifies a second plurality of

content objects organized in accordance with the predetermined set of content object classes to create a global directory (col. 8, lines 6-13; col. 9, lines 10-40);

detecting changes on the first web site (col. 3, lines 30-31; col. 4, lines 27-29);
and

updating the directory with the changes (col. 3, line 36-40; col. 4, lines 33-37).

15. Prasad discloses reporting directory to the second web site to update data periodically (col. 3, lines 27-40). However, Prasad does not specifically disclose reporting directory to the second web site for the first and second time. It would have been obvious to one of ordinary skill in the art at the time the invention was made to recognize that the directory of the server would have been updated several times.

Prasad discloses a distributed database (i.e., a global directory containing objects itself and objects of other servers (102-105, fig. 1) in network (106, fig. 1); col. 6, lines 34-46, col. 8, lines 6-13 and 30-42). However, Prasad does not specifically disclose the second plurality of content objects includes the first plurality of content objects and a third plurality of content objects identified in directories associated with other web sites. It would have been obvious to one of ordinary skill in the art at the time the invention was made to include second content objects including the first and third content objects because doing so would improve quality of service by allowing a user to a fast search of the desired contents.

Prasad does not specifically disclose the subject matter is a perceptive interpretation of a particular content object as it is experience. However, Ma discloses

the subject matter is a perceptive interpretation of a particular content object as it is experience (col. 1, lines 41-44; col. 3, lines 5-18; col. 4, lines 32-42). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Prasad and Ma because Ma's visually perceptible interpretation of content object would improve retrieving content objects from database in Prasad's system by allowing a user to verify the image of the subject matter based on visual perception.

16. As to claims 3 and 4, Prasad discloses categorizing the first plurality of content objects available from the first web site into the predetermined set of content object classes (col. 8, lines 43-63).

17. As to claim 5, Prasad discloses the directory includes at least two of a file name, a path, a site name, a file creation date, and a file creation time (fig. 5C; col. 13, lines 28-39).

18. As to claim 6, Prasad discloses the second web site includes a plurality of directories from other web sites (col. 6, lines 40-46; col. 3, lines 25-40); and the second web site combines the plurality of directories in a global directory (col. 8, lines 6-20).

19. As to claim 7, Prasad discloses detecting changes comprises detecting at least one of erasure of files, replacement of files and addition of files (col. 5, lines 19-21).

20. As to claim 21, Prasad discloses the directory includes a content identifier (col. 8, lines 37-42), a content location (col. 9, lines 22-25; col. 10, lines 13-15) and metadata that describes the directory (col. 8, lines 23-42).

21. As to claim 22, Prasad discloses the directory is accessible by users from the global directory (col. 2, lines 26-37).

22. Claims 15 and 17-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Prasad et al. (US 6,539,381), in view of Ma et al. (US 6,347,313), further in view of Blood et al. (US 6,202,067), hereinafter Blood.

23. As to claim 15, Prasad discloses the invention including a method for gathering information for a directory on a packet switched network (col. 8, lines 6-13), the method comprising:

determining a directory that is related to a first web site (col. 2, lines 26-37), wherein the directory identifies a first plurality of content objects tagged (i.e., identification, col. 8, lines 43-63) in accordance with a predetermined set of content object classes (figs. 2, 3; col. 8, lines 30-63; col. 9, lines 1-25);

the content object classes (figs. 2, 3; col. 8, lines 30-63; col. 9, lines 1-25) identifies a subject matter (i.e., properties, attributes; col. 8, lines 64-65) of the first plurality of content objects related to the first website (col. 8, line 64 – col. 9, line , and

reporting the directory to a second web site (col. 3, lines 32-35; col. 4, lines 30-33; col. 6, lines 40-46), wherein the second web site identifies a second plurality of content objects organized in accordance with the predetermined set of content object classes to create a global directory (col. 8, lines 6-13; col. 9, lines 10-40);

detecting changes on the first web site (col. 3, lines 30-31; col. 4, lines 27-29);
and

updating the directory with the changes (col. 3, line 36-40; col. 4, lines 33-37).

24. Prasad discloses reporting directory to the second web site to update data periodically (col. 3, lines 27-40). However, Prasad does not specifically disclose reporting directory to the second web site for the first and second time. It would have been obvious to one of ordinary skill in the art at the time the invention was made to recognize that the directory of the server would have been updated several times.

Prasad discloses a distributed database (i.e., a global directory containing objects itself and objects of other servers (102-105, fig. 1) in network (106, fig. 1); col. 6, lines 34-46, col. 8, lines 6-13 and 30-42). However, Prasad does not specifically disclose the second plurality of content objects includes the first plurality of content objects and a third plurality of content objects identified in directories associated with other web sites. It would have been obvious to one of ordinary skill in the art at the time the invention was made to include second content objects including the first and third content objects because doing so would improve quality of service by allowing a user to a fast search of the desired contents.

Prasad does not specifically disclose the subject matter is a perceptive interpretation of a particular content object as it is experience. However, Ma discloses the subject matter is a perceptive interpretation of a particular content object as it is experience (col. 1, lines 41-44; col. 3, lines 5-18; col. 4, lines 32-42). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Prasad and Ma because Ma's visually perceptible interpretation of content object would improve retrieving content objects from database in Prasad's system by allowing a user to verify the image of the subject matter based on visual perception.

Prasad and Ma do not specifically disclose the timer reaching a predetermined time value. However, Blood discloses the timer reaching a predetermined time value (i.e., setting specific length of time value; col. 6, lines 46-52; col. 8, lines 33-53 and 60-67). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teaching of Prasad, Ma and Blood because Blood's timer with predetermined time value (i.e., specific length of time value) would dynamically determine when the content objects are necessary to be updated.

25. As to claims 17 and 18, Prasad discloses categorizing an item in the directory (col. 7, lines 23-28 and 39-42; col. 9, lines 28-47).

26. As to claim 19, Prasad discloses the directory includes at least two of a file name, a path, a site name (col. 16, line 1), a file creation date, and a file creation time

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(timestamps; col. 13, line 64 – col. 14, line 2).

27. As to claim 20, Prasad discloses detecting changes comprises detecting at least one of erasure of files, replacement of files and addition of files (col. 5, lines 19-21).

Conclusion

28. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Triggs, patent 6,546,387, Langseth et al, patent 6,694,316, Robers et al, patent 6,687,464, Jensen et al, patent 6,650,777, Raciborski et al, patent 6,658,000 disclose method and system for transferring content objects from a network.

29. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jungwon Chang whose telephone number is (703)305-9669. The examiner can normally be reached on 9:30-6:00 (Monday-Friday).


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A Follansbee can be reached on (703)305-8498. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Jungwon Chang
April 7, 2004


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